## ISSUE SLIP STAPLE AREA (for additional cross references)

| DATE  | D      | ID NO. | INITIALS | POSITION                  |  |
|-------|--------|--------|----------|---------------------------|--|
|       |        |        |          | FEE DETERMINATION         |  |
| 5, 61 | 1      |        |          | D.I.P.E. CLASSIFIER       |  |
|       | i      |        |          | FORMALITY REVIEW          |  |
|       | ٠ . ٤. | 5 · /  | =>A      | RESPONSE FORMALITY REVIEW |  |
| •     | ٤. ٤   | 5. /   | 85A      | RESPONSE FORMALITY REVIEW |  |

## **INDEX OF CLAIMS**

| , | Rejected                   | N   | Non-elected  |
|---|----------------------------|-----|--------------|
| = | Allowed                    | - 1 | Interference |
| _ | (Through numeral) Canceled | Α   | Appeal       |
| ÷ | Restricted                 | 0   | Objected     |

| Claim                |                |          |          | Date     |          |          |           |               |          |          | ate Claim Date |        |               |          |          |          |          |          |              | Claim Date |           |          |          |              |            |          |          |          |          |          | _            |          |          |              |                |
|----------------------|----------------|----------|----------|----------|----------|----------|-----------|---------------|----------|----------|----------------|--------|---------------|----------|----------|----------|----------|----------|--------------|------------|-----------|----------|----------|--------------|------------|----------|----------|----------|----------|----------|--------------|----------|----------|--------------|----------------|
|                      | 172            | 77       | الازر    |          | اهر      | ĪΤ       |           |               |          | $\dashv$ | - {            | CIB    |               | _        | _        | _        | Ė        | اهر      |              | _          | r -       |          | $\dashv$ | 101          | $\Gamma$   |          |          | Γ        | τ        | L'a      | -            |          |          |              | г—             |
| Final                | ŝ              | 1/4      | 14       | ۶        |          |          |           |               |          |          | - [            |        | Original      | ļ        |          |          |          |          |              | ŀ          |           | . [      |          |              | na         |          |          | ļ        | Ì        |          |              |          | :        | :            |                |
| P.Inal               | ,  v           | 100      | 17       | 19       |          |          |           |               |          |          | -              | Fina   | ğ,            | - 1      |          |          |          |          |              | l          | 1         |          |          | Final        | . <u>Ş</u> |          |          | l        |          | 1        |              |          | 1        | ĺ            | ĺ              |
|                      |                | 10)      | 0        | OH.      | Ш        |          | Ш         | Ш             | Ш        | Ш        | 1              | ū      | Ō             |          |          | <u> </u> | _        |          |              | <u> </u>   | $\perp$   | L.       | Ш        | ū            | 5 Original | ┧        |          |          |          |          | L            | Ш        |          | L-           |                |
|                      | tL.            |          |          |          |          |          |           |               |          |          |                |        | 51            |          |          |          | L.       |          |              |            | <u> </u>  |          |          | L.           | 101        | [        |          |          | L        |          | <u> </u>     |          |          |              |                |
|                      |                |          |          |          | П        |          | 1         | П             |          | П        |                |        | 52            | T        |          | l        | 1        |          |              |            | 1         |          |          |              | 102        | 7        |          |          |          |          | :            |          | П        | Г            |                |
|                      | <b>5</b>       | Г        | Г        |          |          | П        |           |               |          |          |                |        | 53            |          | -        |          | -        | П        |              |            |           |          | $\neg$   | _            | 103        |          | _        |          | Ι-       | Т        | i            |          | П        | -            | <u> </u>       |
|                      | 1              | i        |          | -        | H        | H        |           | -             |          | $\neg$   |                | _      | 54            | -        | _        | -        | -        | -        | -            | -          | -         |          |          | -            | 104        |          | _        |          | ┝        | 1        | <del> </del> | Н        | Н        | $\vdash$     | <del> </del> — |
|                      | -              | -        |          | H        |          | -        |           |               | Н        |          | ı              | _      | 55            |          |          |          | -        | -        |              | -          |           | -        | $\dashv$ | -            | 105        | $\vdash$ |          |          | $\vdash$ | $\vdash$ | -            | Н        | H        | 1-           | ⊢              |
|                      | H-             | ├        |          | -        | Н        | Н        | ┈┤        | $\vdash$      | Н        |          | l              |        | 56            | $\dashv$ | -        |          | -        | -        | $\vdash$     | -          |           |          | $\dashv$ | $\vdash$     | 106        | -        |          | -        | ├        | ├        | $\vdash$     | -        | -        | -            | ├              |
| 1                    | ₩_             | ├-       | -        | _        | Н        | Н        | -         |               | -        |          |                |        | 57            | 4        | _        |          | Н        |          | <u> </u>     | <u> </u>   | $\vdash$  | H        | $\vdash$ | -            |            |          |          |          |          | -        | <u> </u>     | -        | ш        | -            | ļ              |
|                      |                | <u> </u> |          |          | Ш        |          |           |               |          |          |                | _      | _             |          |          | ļ        |          | Ш        | L.           | <u> </u>   | _         | Щ        | _        | ļ.,,         | 107        | _        |          | L.,      | <u> </u> |          | _            |          |          |              |                |
|                      |                | <u></u>  |          |          |          |          |           | Ш             |          |          | ٠ ا            |        | 58            | ;        |          | L_       |          |          |              | L.,        | <u></u>   |          |          | -            | 108        |          |          | L        | L        | L        | <u> </u>     |          | Ш        | L            | L              |
|                      | 4_             | L        |          |          |          |          |           | i             |          |          |                |        | 59            | $\Box$   |          |          |          |          |              | !          |           |          |          | L            | 109        |          |          | L        |          | L.       | L            |          |          |              |                |
| 11/10                | ) <del>;</del> | 1        | 11 11    | 11       |          |          |           |               |          |          |                |        | 60            |          |          |          |          |          |              | Γ.         |           |          |          |              | 110        |          |          | !        |          |          |              |          |          |              |                |
| 2 4                  | 7              | V        | Ξ        | =        |          |          |           |               |          |          |                |        | 61            |          |          |          |          |          |              |            |           |          |          |              | 111        |          |          |          |          |          |              |          | П        |              |                |
| 3 12                 | :11            | 1        | 11       | Ξ        |          | 1        |           | $\Box$        |          | -1       | - 1            |        | 62            |          |          |          |          | М        |              |            | $\vdash$  |          |          | -            | 112        | _        |          | -        |          |          |              |          | П        |              | 1              |
| 4 13                 | 3              | J        | 11       |          | $\neg$   | -        |           |               | $\vdash$ |          | ł              | -      | 63            | $\dashv$ | -        | $\vdash$ | $\vdash$ | $\vdash$ |              | $\vdash$   | Н         | $\vdash$ | $\dashv$ | $\vdash$     | 113        | -        |          | -        | $\vdash$ | $\vdash$ | $\vdash$     | Н        | $\vdash$ |              | -              |
| 3 12<br>4 13<br>5 14 | #              | 7        | 1) (1    | =        |          |          | $\vdash$  | Н             | -        | $\dashv$ | ŀ              |        | 64            | $\dashv$ |          |          | H        |          | <del> </del> |            | Н         | -        |          |              |            |          |          |          | -        | $\vdash$ | $\vdash$     | ┝╌┤      | $\vdash$ | H            | $\vdash$       |
| 1                    | #              | ~        | ۳        | -1       |          |          | Н         | Н             | $\vdash$ |          | ļ              |        |               |          |          | -        | -        |          | $\vdash$     |            | $\vdash$  |          | -        | -            | 114        |          |          | -        | $\vdash$ | $\vdash$ |              |          | $\vdash$ | <b>-</b>     | -              |
| J_4                  | Ή.             | -        |          | $\sqcup$ |          | $\sqcup$ | $\square$ | Щ             | Щ        | 1        | - 1            |        | 65            | 4        |          | Н        | Н        |          |              | _          | ļ         | $\vdash$ |          | <u> </u>     | 115        | $\dashv$ |          | $\vdash$ | L_       |          | _            | Ш        |          |              | !              |
|                      | 41             | ļ        | Ш        | 1        |          | Ш        |           | Ш             | Щ        | Ш        | J              |        | 66            | _        |          | ш        |          | Ш        | L            | L.         | L_        |          |          | L.           | 116        |          |          | _        |          |          |              | Ш        |          | L            | _              |
|                      | 11             |          |          |          |          |          |           |               |          |          | Į              |        | 67            |          |          |          |          |          |              |            |           |          | i        | L            | 117        |          | _        | _        | L        | _        | L]           |          | _]       |              | Ľ              |
| 18                   | -              |          | j        |          |          |          |           |               |          | - 1      |                |        | GØ            | - 1      |          |          |          |          |              |            |           |          |          |              | 118        | 7        |          | Γ        |          |          |              |          | П        |              |                |
| 6 19                 | 7              |          | =        | Ξ        | $\neg$   |          |           |               |          | $\neg$   | j              |        | 69            |          |          |          |          |          |              |            |           |          | $\neg$   |              | 119        | _        | _        |          |          |          |              |          | П        |              | _              |
| 7 20                 |                | $\neg$   | Ξ        | Ξ        | $\dashv$ |          | -         | $\dashv$      |          | $\dashv$ | 1              | $\neg$ | 70            | _        |          |          | Н        | -        | Н            | $\vdash$   |           | $\vdash$ | $\dashv$ | -            | 120        | +        |          | Н        |          |          | -            |          | $\dashv$ | _            |                |
|                      |                | Н        |          | 7        | -        |          | _         |               | -        | -1       | - 1            | -      |               | $\dashv$ | _        |          | -        | _        | _            | ш          |           |          |          |              |            | -        |          | _        |          | ш        | Щ            |          | Н        | Ш            | _              |
| 8 21                 |                |          | Ξ        | Ξ        | _        | _        | -         |               | _        | _        | ļ              | _      | 71            | 4        |          |          | _        | _        |              |            | Ш         | ш        |          |              | 121        | _        | _        | L.,      | _        | L        |              |          | Ш        |              | _              |
| 7 22                 |                |          | =        | =        | _        |          | _         | _             |          | _        | ļ              | _      | 72            | _        |          |          | Щ        | Ш        |              |            |           | Ш        | _        | _ <u> </u> _ | 122        | _        |          |          | _        | _        |              |          |          |              |                |
| 10 23                |                |          | =        | 크        |          |          |           |               |          |          | L              | 1      | 73            |          |          |          |          |          |              |            |           |          |          |              | 123        |          |          |          |          |          |              |          |          |              |                |
| 11 24                | ١              |          | 17.      | =        | Т        |          |           |               |          |          | - [            |        | 74            |          |          |          |          |          |              |            | -         |          | $\neg$   |              | 124        | T        |          |          | _~~      |          |              |          |          |              |                |
| 12 25                | ;              |          | 2        | =        | コ        |          |           |               |          |          | ı              |        | 75            | 7        |          |          |          | П        |              |            |           |          | _        |              | 125        | _        | _        |          |          | П        |              |          | T        |              |                |
| 13 26                |                |          | =        | Ξ        | 7        | -        | T         |               |          | -1       | ı              |        | 76            | 7        |          | _        |          |          | $\vdash$     |            | _         | $\vdash$ | $\dashv$ | $\vdash$     | 126        | 7        | -        | -        | -        | Н        | -            | -        | -        | Н            | -              |
| 14 27                |                | -        |          | Ξ        | ᅥ        | 一        | -         | -             | -1       | $\dashv$ | ŀ              |        | 77            | -        | -        | $\neg$   | -        |          |              | -          |           | -        | $\dashv$ | -            | 127        | -+       | -        |          |          |          |              |          | -        |              |                |
| 15 28                |                | Н        | 20.00    | ᅴ        | $\dashv$ | -        | $\dashv$  | -             |          |          | ŀ              |        | 78            | -        | -        |          |          |          | -            | $\dashv$   |           | $\dashv$ |          | -            |            | -        | -        | _        |          | _        | $\dashv$     |          | -        | 4            |                |
| 13 20                | -              | -        | _        | Ξ        | -        |          |           |               | _        | -4       | - 1            |        |               | 4        | _        | _        | _        | $\Box$   |              |            | _         | Н        |          |              | 128        |          |          |          |          |          | _            | _        | -        |              | _              |
| 16 29                |                | _        | -        | 2        | _        | $\perp$  | _         | _             | _        | _        | - [            | _      | 79            | _        | _        |          |          |          |              |            |           |          | _        |              | 129        | _        |          |          |          | L        |              |          | Ц        |              |                |
| 12                   | 2              |          | 1        |          |          |          |           |               |          |          | l              |        | 80            | $\perp$  |          |          |          |          |              |            |           |          |          |              | 130        |          |          |          |          |          |              |          |          |              |                |
| 31                   |                |          |          |          |          |          |           | _ [           |          |          | l              |        | 81            |          |          |          |          |          |              |            |           |          |          | - [-         | 131        |          |          |          |          |          |              | П        |          |              |                |
| 32                   | 2              |          | П        |          | $\neg$   |          |           |               |          |          | ĺ              |        | 82            | П        | _        |          |          |          |              |            |           |          | 7        |              | 132        | 1        |          |          |          |          |              |          | П        |              |                |
| 33                   |                |          | $\neg$   | _        | 7        | _        |           |               |          | 7        | ı              | _      | 83            | 寸        | $\neg$   | $\Box$   |          |          | $\neg$       |            |           | $\vdash$ | $\neg$   | _            | 133        | $\neg$   | _        |          |          |          |              | $\neg$   |          | $\vdash$     | -              |
| 34                   |                |          | -        | -+       | 1        | $\dashv$ | -         |               | -        | $\dashv$ | ŀ              |        | 84            | -1       | 1        |          |          |          | $\vdash$     |            |           | -        | $\dashv$ | -            | 134        | +        | $\dashv$ |          | $\vdash$ |          |              | -        | -+       | $\dashv$     |                |
| 35                   |                | $\dashv$ | -        | +        | -        | -        |           | -             | {        | $\dashv$ | ŀ              |        | 85            | -        |          | -        | -        | $\dashv$ | -            |            | -         |          | $\dashv$ | -            | 135        |          | 4        | -        |          | -        | -            | $\vdash$ | -+       | $\dashv$     | -              |
| 36                   |                | $\dashv$ |          | $\dashv$ | -        | ┰┤       | $\dashv$  | -+            |          | $\dashv$ | - 1            |        | 86            |          |          | -        | -        |          | -            |            |           | $\dashv$ | $\dashv$ | -            | 136        |          | 4        | -        | 1        | $\vdash$ | $\dashv$     | $\dashv$ |          | $\dashv$     |                |
| 37                   | 1              | $\vdash$ |          | -+       |          |          |           | $\rightarrow$ |          | $\dashv$ | - }            |        |               | 4        | -        | _        | $\vdash$ | $\vdash$ | $\vdash$     |            |           |          | _        | 1_           |            | -+       | _        |          | Ш        | $\sqcup$ | $\square$    |          | _        |              | _              |
| f. L                 |                | Ш        |          |          | _        | _        |           | _             | _        | Ц        | ļ              | _      | 87            | _        | _        | L        | Щ        | Щ        |              |            | Ш         | Ш        | _        | $\vdash$     | 137        | 4        |          |          |          |          |              |          |          | Ш            | _              |
| 38                   |                | Ш        | _        | $\perp$  |          | _        |           | _             |          |          | - [            |        | 88            | _1       | _        |          |          |          |              |            | $\square$ |          |          | L            | 138        | $\perp$  |          |          |          |          |              | T        |          |              | L              |
| 39                   | -              |          | [        |          |          |          |           |               | _        |          | I              |        | 89            | ╝        | _        |          | اا       | L_I      |              |            |           |          | 1        |              | 139        | T        | ٦        |          | П        | П        |              | П        |          |              |                |
| 40                   |                |          | $\neg$   | T        | $\neg$   | $\neg$   | $\neg$    | П             |          | $\neg$   | 1              | 7      | 90            | T        |          | ٦        |          | П        |              |            | $\Box$    |          | $\neg$   |              | 140        | -1       |          |          |          |          |              |          | 7        |              |                |
| 41                   |                | $\neg$   | _        | 十        | $\dashv$ | -        | $\dashv$  | 1             | -        | $\dashv$ | - 1            | -1     | 91            | -+       | -        |          |          |          | $\neg$       |            | $\vdash$  |          | $\dashv$ | $\vdash$     | 141        | 十        | -        |          | $\dashv$ | $\vdash$ | $\dashv$     | -        | -        |              |                |
| 42                   | 1              | Н        | $\dashv$ | $\dashv$ | $\dashv$ |          |           |               | $\dashv$ |          | ł              | -      | 92            | $\dashv$ | $\dashv$ |          | -        |          |              | $\dashv$   | Н         |          | $\dashv$ | -            | -          | -+       |          |          |          | -        | $\dashv$     | {        | $\dashv$ | $\vdash$     |                |
| 43                   |                | Н        |          |          |          |          |           |               |          | $\dashv$ | - }            | -      | $\rightarrow$ |          |          | $\dashv$ |          | $\dashv$ |              |            | $\sqcup$  |          |          | -            | 142        | -+       | _        | Н        | _        | _        |              |          | _        | _            | _              |
| <b></b>              |                | <b> </b> |          | -4       | _        | _        | _         |               | _        | _        | 1              |        | 93            | 4        | _        | _        | _        | $\dashv$ | Í            | _          |           |          | _        | $\perp$      | 143        | 4        | _        |          | ]        |          | _1           | _        |          | _            |                |
| 44                   | _              | L        |          |          |          | $\perp$  | _1        |               |          |          | ŀ              | }      | 94            |          |          |          |          |          |              |            |           | ]        | _1       |              | 144        | j        | _ ]      |          | _ 1      |          | <u> </u>     | _ {      |          | <u> </u>     | L              |
| 45                   |                |          | _]       |          | _[       |          | _]        | J             |          |          |                |        | 95            |          |          |          |          |          |              |            |           | 7        | П        |              | 145        | 1        |          |          |          |          |              | $\neg$   | 7        |              |                |
| 46                   |                | Ì        |          |          | _7       | ⋾        |           |               |          | ٦        |                |        | 96            |          |          | $\neg$   |          |          |              |            |           |          |          |              | 146        | 7        | $\neg$   |          | $\neg$   |          |              | 寸        | 7        |              |                |
| 47                   | П              | i        | $\neg$   |          | $\neg$   |          |           | 7             |          | $\neg$   | Ì              |        | 97            | 7        |          |          | $\neg$   |          |              |            | $\neg$    |          | $\neg$   |              | 147        | -        | ┪        | Н        |          |          | -            | -+       | 7        |              |                |
| 48                   |                | $\vdash$ | $\neg$   | $\dashv$ | -+       |          | -1        | _             | -        | -        | ŀ              |        | 98            | _        | -        |          | -        |          |              | -          | -         | -        | -        | $\vdash$     | 148        | +        | $\dashv$ | $\vdash$ |          | $\dashv$ | -            | -        | -+       | $\dashv$     | -              |
|                      | _              | $\dashv$ |          | +        | +        | -+       | -         |               | -        | ᅱ        | ŀ              | _      | 99            | -        | $\dashv$ | -        | -        |          | $\dashv$     |            | +         | -        | $\dashv$ | -            | 148        | -+       | -4       | $\dashv$ |          |          | -            |          | -+       | -            | -              |
| 49                   |                |          |          |          |          |          |           |               |          |          |                |        |               |          |          |          |          |          |              |            |           | - 1      | - 1      |              |            |          |          |          |          |          |              |          |          |              |                |
| 49<br>50             |                |          |          | }        | $\dashv$ | -+       | $\dashv$  | $\dashv$      |          | $\dashv$ | ŀ              | ٦,     | 100           | 7        | $\dashv$ |          | -        | -        | -            |            | -         | -+       | -        | $\vdash$     | 150        |          | -        | -        |          | $\dashv$ |              |          | -+       | <del> </del> |                |

If more than 150 claims or 10 actions staple additional sheet here

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